

MSHR

doTlbReq

Set-associative
4KB-PTE arrayFully associative
2MB/1GB-PTE array

doTlbResp

Split translation
cache

doTranslationCacheResp

doPageWalk

Mem resp FIFO
size = MSHR sizeReq from
L1 TLBsResp to
L1 TLBsResp from
memoryReq to
memory